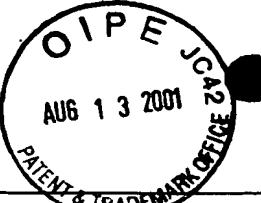


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List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Guzaev, et al.</b>	
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<i>PL</i>	<b>AA ✓</b>	Alul, R.H. et al., "Oxalyl-CPG: a labile support for synthesis of sensitive oligonucleotide derivatives," <i>Nucl. Acid Res.</i> , <b>1991</b> , <i>19</i> , 1527-1532	
	<b>AB ✓</b>	Atkins, P.W., "Henderson-Hasselbalch equation," <i>Physical Chemistry</i> , 3 <sup>rd</sup> Ed., W.H. Freeman and Co., NY, <b>1985</b> , 280	
	<b>AC</b>	Beaucage, S. L. et al., "Advances in the Synthesis of Oligonucleotides by the Phosphoramidite Approach," <i>Tetrahedron</i> , <b>1992</b> , <i>48</i> , 2223-2311	
	<b>AD ✓</b>	Berner, S. et al., "Studies on the role of tetrazole in the activation of phosphoramidites," <i>Nucl. Acids Res.</i> , <b>1989</b> , <i>17</i> , 853-864	
	<b>AE ✓</b>	Bielinska, A. et al., "Regulation of Gene Expression with Double-Stranded Phosphorothioate Oligonucleotides," <i>Science</i> , <b>1990</b> , <i>250</i> , 997-1000	
	<b>AF ✓</b>	Brill, W. K. et al., "Synthesis of oligodeoxynucleoside phosphorodithioates via thioamidites," <i>J. Am. Chem. Soc.</i> , <b>1989</b> , <i>111</i> , 2321-2322	
	<b>AG ✓</b>	Brown, T., et al. "Oligonucleotides and Analogues a Practical Approach, IRL Press, NY, Eckstein, F. (Ed.), <b>1991</b> , Chapter 1, 1-23	
	<b>AH</b>	Caruthers M.H., et al., "Synthesis of oligonucleotides using the phosphoramidite method," Bruzik, K.S., et al. (Eds.), <i>Esevier, Amsterdam</i> , <b>1987</b> , 3-21	
	<b>AI ✓</b>	Caruthers, M.H., "Chemical synthesis of DNA and DNA analogues," <i>Acc. Chem. Res.</i> , <b>1991</b> , <i>24</i> , 278-284	
<i>✓</i>	<b>AJ ✓</b>	Coetzee, J.F., et al., "Properties of bases in acetonitrile as solvent. IV. Proton acceptor power and homoconjugation of mono-and diamines," <i>J. Am. Chem. Soc.</i> , <b>1965</b> , <i>87</i> , 5005-5010	
<i>PL</i>	<b>AK ✓</b>	Cook, P. D., "Medicinal Chemistry of Antisense Oligonucleotides - future opportunities," <i>Anti-Cancer Drug Design</i> , <b>1991</b> , <i>6</i> , 585-607	
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	<b>AM ✓</b>	Dahl, B. H. et al., "Mechanistic studies on the phosphoramidite coupling reaction in oligonucleotide synthesis. I. Evidence for nucleophilic catalysis by tetrazole and rate variations with the phosphorus substituents," <i>Nucl. Acids Res.</i> , 1987, 15, 1729-1743	
	<b>AN ✓</b>	Delgado, et al., <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 1992, 9, 249-304	
*	<b>AO</b>	Eckstein, F. (Ed.), "Oligonucleotides and Analogues a Practical Approach," <i>IRL Press, NY</i> , 1991	
	<b>AP</b>	Efimov, V.A. et al., "New efficient sulfurizing reagents for the preparation of oligodeoxyribonucleotide phosphorothioate analogues," <i>Nucl. Acids Res.</i> , 1995, 23, 4029-4033	
	<b>AQ✓</b>	Egholm, M. et al., "Peptide Nucleic Acids (PNA). Oligonucleotide Analogues with an Achiral Peptide Backbone," <i>J. Am. Chem Soc.</i> , 1992, 114, 1895-1897	
	<b>AR✓</b>	Englisch, U. et al., "Chemically Modified Oligonucleotides as Probes and Inhibitors," <i>Angew. Chem. Int. Ed. Eng.</i> , 1991, 30, 613-629 (see especially pages 622-623)	
<i>✓</i>	<b>AS✓</b>	Földes-Papp, Z., et al., "Fractal dimension of error sequence dynamics in quantitative modeling of syntheses of short oligonucleotide and single-stranded DNA sequences," <i>J. Theor. Biol.</i> , 1995, 174, 391-408	
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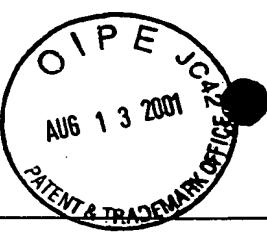
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	AV	Froehler, B. C. et al., "Nucleoside H-Phosphonates: Valuable Intermediates in the Synthesis of Deoxyoligonucleotides," <i>Tetra. Lett.</i> , <b>1986</b> , 27(4), 469-472		
	AW	Garegg, P. J. et al., "Formation of Internucleotidic Bonds via Phosphonate Intermediates," <i>Chemica Scripta</i> , <b>1985</b> , 25, 280-282		
	AX	Thomson, J.B., et al., "Synthesis and properties of diuridine phosphate analogues containing thio and amino modifications," <i>J. Org. Chem.</i> , <b>1996</b> , 61, 6273-6281		
	AY	Gould, E.S., <i>Mechanism and Structure in Organic Chemistry</i> , <b>1960</b> , 201		
*	AZ	Green, et al., "Protective Groups in Organic Synthesis, 2 <sup>nd</sup> Ed., <i>John Wiley &amp; Sons</i> , NY, <b>1991</b>		
	BA	Gryaznov, S. M. et al., "A New Approach to the Synthesis of Oligodeoxyribonucleotides Alkylamino Groups Linked to Internucleotide Phosphate Groups," <i>Tetrahedron Letts.</i> , <b>1991</b> , 32(30), <b>1991</b> , 3715-3718		
	BB	Hall, R.H., et al., "Nucleotides. Part XLI.* Mixed anhydrides as intermediates in the synthesis of dinucleoside phosphates," <i>J. Chem. Soc.</i> , <b>1957</b> , 3291-3296		
	BC	Hamm, M. L. et al., "Incorporation of 2'-Deoxy-2'-mercaptopcytidine into Oligonucleotides via Phosphoramidite Chemistry," <i>J. Org. Chem.</i> , <b>1997</b> , 62, 3415-3420		
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	<b>BG</b>	Kaljurand, I., et al., "Self-consistent spectrophotometric basicity scale in acetonitrile covering the range between pyridine and DBU," <i>J. Org. Chem., 2000, 65</i> , 6202-6208	
	<b>BH</b>	Kamer, P.C.J. et al., "An Efficient Approach Toward the Synthesis of Phosphorothioate Diesters via the Schonberg Reaction," <i>Tetrahedron Letts., 1989, 30</i> , 6757-6760	
	<b>BI</b>	Kroschwitz, J. I., "Polynucleotides," <i>Concise Encyclopedia of Polymer Science and Engineering, 1990</i> , John Wiley & Sons, New York, 858-859	
	<b>BJ</b>	Maier, M.A., et al., "Synthesis of chimeric oligonucleotides containing phosphodiester, phosphorothioate, and phosphoramidate linkages," <i>Org. Lett., 2000, 2(13)</i> , 1819-1822	
	<b>BK</b>	Manoharan, M., et al., "Allyl group as a protecting group for internucleotide phosphate and thiophosphate linkages in oligonucleotide synthesis: facile oxidation and deprotection conditions," <i>Org. Letts., 2000, 2(3)</i> , 243-246	
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<i>PL</i>	<b>BO</b>	Nurminen, E.J., et al., "Alcoholysis of dialkyl tetrazolylphosphonites," <i>J. Chem. Soc. Perkin Trans., 1999, 2</i> , 2551-2556	
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	<b>BR</b>	Pon, R. T. et al., "Hydroquinone-O, O-diacetic acid ('Q-linker') as a replacement for succinyl and oxanyl linker arms in solid phase oligonucleotide synthesis," <i>Nucl. Acids Res.</i> , 1997, 25(18), 3629-3635		
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<i>PL</i>	<b>BX</b>	Schwesinger, R., "Starke ungeladene stickstoffbasen," <i>Nachr. Chem. Tech. Lab.</i> , 1990, 1214-1226 (English abstract)		
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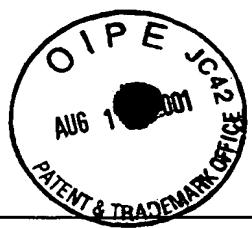
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Patent and Trademark Office

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	<b>CB</b>	Summerton, J., "Morpholino antisense oligomers: the case for an Rnase H-independent structural type," <i>Biochem. Biophys. Acta</i> , <b>1999</b> , 1489, 141-158
	<b>CC</b>	Vasseur, J. J. et al., "Oligonucleosides: Synthesis of a Novel Methylhydroxylamine-linked Nucleoside Dimer and Its Incorporation into Antisense Sequences," <i>J. Am. Chem. Soc.</i> , <b>1992</b> , 114, 4006-4007
	<b>CD</b>	Vu, H. et al, "Internucleotide Phosphite Sulfurization with Tetraethylthiuram Disulfide. Phosphorothioate Oligonucleotide Synthesis via Phosphoramidite Chemistry," <i>Tetrahedron Letts.</i> , <b>1991</b> , 32, 3005-3008
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	<b>CF</b>	Wu, H. et al., "Inhibition of in vitro transcription by specific double-stranded oligodeoxyribonucleotides," <i>Gene</i> , <b>1990</b> , 89, 203-209
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<i>PL</i>	<b>CH</b>	Xu, Q. et al., "Efficient introduction of phosphorothioates into RNA oligonucleotides by 3-ethoxy-1,2,4-dithiazoline-5-one (EDITH)," <i>Nucl. Acids Res.</i> , <b>1996</b> , 24, 3643-3644
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	CK	4,458,066	07/03/84	Caruthers, et al.	536	27
	CL	4,500,707	02/19/85	Caruthers, et al.	536	27
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	CP	5,132,418	07/21/92	Caruthers, et al.	536	27
	CQ	5,151,510	09/29/92	Stec, et al.	536	27
✓	CR	5,292,875	03/08/94	Stec, et al.	536	25.33
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*Natalya Lee*

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